



Part Number : [2027050643](#)

Product Description : 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Vertical, Surface Mount, Gold (Au) Flash Plating, Friction Lock, 6 Circuits, Tape and Reel, with Cap, Beige

Series Number : 202705

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2027050643 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[2027050643.dxf](#)

Specifications

[874370000-AS-000.pdf](#)


[2027059200-200.pdf](#)

[2027050000-000.pdf](#)

[2027051000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-

	DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	202705
Description	1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Vertical, Surface Mount, Gold (Au) Flash Plating, Friction Lock, 6 Circuits, Tape and Reel, with Cap, Beige
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Pico-SPOX
UPC	889056901529

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Beige
Durability (mating cycles max)	10
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	302.710/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	1.50mm
Plating min - Mating	0.100µm
Plating min - Termination	0.100µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Pico-SPOX Single Row Receptacle Housings	<u>87439</u>

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